

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORSHIP ..... V. Plsetski, et al  
SERIAL NO. .... 09/453,158  
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ART UNIT ..... 2862  
EXAMINER ..... TAYLOR, V.  
ASSIGNEE ..... Trans Seismic International, Inc.  
ATTORNEY DOCKET NO. .... TR01-P04  
TITLE: **METHOD FOR PREDICTING DYNAMIC PARAMETERS OF FLUIDS  
IN A SUBTERRANEAN RESERVOIR**

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**COMMUNICATION AND AMENDMENT**

**Sent by facsimile to 703 308 7722 on June 17, 2002.**

**SIR OR MADAM:**

This Communication and Amendment is responsive to the telephonic conversation between Examiner Victor Taylor and Applicants' attorney John Reid on June 17, 2002.

**Amendment**

Please amend claim 1 as follows:

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**JUN 17 2002**

TECHNOLOGY CENTER 2800

1(twice amended). A method for determining the location of the accumulation fluids in a subterranean formation, comprising:  
determining a first velocity vector "V<sub>x</sub>" for migration of fluid in a region of interest in the subterranean formation, the first velocity vector comprising attributes of speed and direction of flow of fluid in a first direction in the region of interest;